



THE SIGNAL FOR SUCCESS™

# AD-PA-700-900-DIN

700MHz/CELL/SMR800/SMR900 PANEL ANTENNA



## SPECIFICATION

### ELECTRICAL SPECIFICATIONS

FREQUENCY	698 – 806 MHz	806 – 940 MHz
GAIN	> 15 dBi	> 16 dBi
HORIZONTAL BEAMWIDTH	29° ± 3	26° ± 3
VERTICAL BEAMWIDTH	29° ± 3	26° ± 3
FRONT TO BACK RATIO	> 32 dB	
INTERMODULATION	> 155 dBc @ 2 tone x 43 dBm	
VSWR	1.5 : 1	
IMPEDANCE	50 Ω	
POWER RATING (MAX)	100 W	
POLARIZATION	Vertical	

### GENERAL SPECIFICATIONS

DIMENSION (W x H x D)	27.6 x 27.6 x 5.31 in
WEIGHT (EXCLUDING BRACKET)	18.6 lbs
CONNECTOR	7/16 DIN Female
TILT	Vertical: 20° / Horizontal: 20°
SUPPORTED POLE DIAMETER	Pole: Φ40 to 90mm (1.57 in to 3.54in)
RADOME	ASA
WIND SURVIVAL RATING	60 m/s (216 km/h)
WIND LOAD @ 150 km/h	Front (612.9N) , Side (119.4N), Rear (612.9N)

Specifications are subject to change without notice. ©2014 Advanced RF Technologies, Inc.

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